Rec March 1
Ans — 3d

ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Feb — Jan 1880

Brookline, Mass., February 26 1880.

My dear Dr Engelmann,

Have your letter of the 25th.

I had already for you a small package of plants done up. They will go to day.

I did not mean to try even to announce for the distinction of P. sativa: - Have only not yet announced myself. not having had sufficient opportunity for studying this plant - Only wanted an impression. Gathered

for habit and appearance

& so of very little value as

importance.

The fact that P. australis is

being rapidly replaced by less

valuable species is of vast

importance. and the causes

deserve. Should be sought for.

The young plants of P. australis

sprouts. are probably contain

more nitrous matter than

the other species. and so are

more easily destroyed. by fire.

This would only account for

this fact in case of occasional

and slight fires. for where

the woods are regularly burned
over every year. any Eucalyptus
seedlings would naturally disappear.

This Scotland. that were there
are regular fires. there are no
seedlings., in other ~~trees~~ situations there
are seedlings more or less plentiful
with very few P. australis among
them. In these cases. I suppose
that the fires have only been
occasional — In other cases, as I
have seen, within enclosures
seedling P. australis stems.

It occurred to me that there
might be a difference of
time when the burns occur.

matured their seed. when

these germinate: what might

happen. account in some measure

for the presence of one

or the destruction of an other species.

How it not that P. australis

springs up so freely when protected

I think account for the change.

by the hypothesis of ordinary

Corp. rotation — It must be curious

Shortness of. can we count your

help and advice in the matter.

P. australis can always be

distinguished with respect

certainty. by the short crimped

bud. habit. length of leaves &c.

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GEORGE ENGELMANN PAPERS

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Nov March 1

ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., ... 18

Last week Ellwanger from Toledo a
their young Stat. Have we
sent you help.

As for the germination of Taxodium.
You have not just answered me.

Your seedlings are very strong
for spring plants. Sapling
they had germinated in the
autumn. + been covered by
water all winter.. they looked
how still looked pretty fresh.
when you gathered them.

By the way did you know that

in Jan Jo South for Georgia.

the Cypress becomes much

smaller. Stem clasps Substance

the contrary.

Thanks for sending pk.

I've been many Shrubs germinating.

+ Quill Som Send you a set.

Pray take care of that Rose

in Pot + Summer we shall

have some buds Climbing

to Us.

I think you are mistaken

about the time of flowering

of Yucca + Cucholea. and

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that Jacobs. follows Elliott's

by him & three weeks. and

that Australia comes last.

But this. and much less'ly

shows us may succeed in

Clearing up.

faithfully.

C. S. Sargent.

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Rec March 10th

ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., March 7th 1880

Mythean Dr Engelmann,

Your note arrived this morning about an hour after that long delayed baby — a Son. His advent has slow and difficult. but now Every thing is Satisfactory. and well, I hope. Remain so. But this, what is it lasts, is any thing but a pleasant episode in a mans life. however. we will take the results.

I don't understand about the

bad backing — It is unaccountable!

You say nothing about the Chateaubriand

back — so I take it my determination

was correct. By the way I forgot

to tell you about a visit back I saw

near Charleston in front of the

old Drayton Mansion. Surely

believe it was the most noble

and magnificent tree I have

ever seen in any Country.

The trunk at five feet from the

ground girted 19 but 10 inches;

the perfectly symmetrical head —

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round topped like an apple tree —
had a spread of branches 111 ×
122 feet. there nearly touching
the ground. and forming an
immense arbor. under which
in the days of Southern magnificence
banquets were sometimes given.
it was said.
I am going to try and get a
photograph of the tree taken,
while it, if any tree ever did, certainly
deserves to have its picture taken.

When we were in Charleston, Jno.
January 96. the Scarlet Hibiscus
was in bloom. Here to day Hibiscus
is in bloom. for the first time, and

nearly a month ahead of time to
that. So you will see that it is
useless to talk of Pine flowers here
yet. When the time comes I will
look out for them all.

Faithfully yours.

C. S. Sargent.

Dr George Engelmann.

St Louis.

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Rec March 31

ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., March 27 1880.

Dear Dr Engelmann.

Thanks for the date of your visit to Colorado. I had written Prof A Gray to write to the Botanical Gazette giving an account of the 1x/ presents with your seeds, but has not yet told me whether you had collected them in 1874 or 1875. 1873 was the last year for which they were issued, but unfortunately some of the seed of that year germinates. Sam'l

Tuesday with Canby; this time to

Wilmington N.C. If there is

anything for Botanical work

me to look after there drop

me a line at once to care

Edward Kidder. Wilmington

N.C.

Yours truly,

C. S. Sargent.

I am very much pleased with

Letterman's Energy here

Lucas. He is doing good work.

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Rec'd April 22

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., April 20th 1880.

My dear Dr Engelmann,

I received a day or two ago

Jm note. and last night

Jm splendid paper on Pinus.

Many thanks. I have not

yet had time to study it.

Curtiss finds P. Elliottii very

common at Appalachicola,

and the plant Chapman. sho

must have passed it by!

Mohr has followed it along

Mississippi Sound to Jones

Pearl River. from which point

he takes last route., so I suppose

it stands to the bottom log

of the Mississippi River.

He finds. It very Common

all along the Coast.

Shows now some in structure

band the names of the Southern

Pines.

The bark of P. Elliottii much

exceeds in thickness the other

Southern Pines. & my specimens

the best ranges in thickness

for 4/8 to 5/8 of an in.; that

that of P. australis does not

reach 1/4 of an in. the base

of P. Jacea being still thinner.

That of P. Ellisii is widely

fusiform. ~~which~~ which of course the

other is not; and in my

specimens the plate is much

larger, not smaller as you say.

Then is P. australis.

I don't think I should be bothering

you if packing out these

three sheets by the bank clerk.

Is it? What is the exact

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locality in Mississippi for

C. glabra.?

I expect to be here until the

end of June. when I hope to

start for the west.

Yours very truly.

C. S. Sargent.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dr George Engelmann.

St Louis.

Asa Gray has written for some days ago
that G. R. Vasey is en route for Southern
California. to collect for me. If you want
him to do any thing address him at the
San Francisco Academy.

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Rec Apr 25
Ans April 30

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., April 25 1880

Dear Dr Englmann.

Green has sent me from
the Pinos Altos Mts near
Silver City N. M. a fragment
for Pine. that I take with
Jr. Sutton it to be Jeff
P flexilis var albicaulis. of
Rocky Mts. but thinner like
Jr conformation. But we cut
the cone very long for P. flexilis.
Height 70 - 80 feet high.

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with a track two feet in diameter.

Snow storm here yesterday!!

Yours.

C. J. Sargent.

Dr Geo. Engelmann

St Louis

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Rec May 3d
ans May 5th

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., April 30th, 1880.

Dr George Engelmann,

St. Louis Missouri

Dear Sir.

Many thanks for the tree notes which I recived this morning. A few (!) things suggest themselves to me. The information about Arkansas plants I principally obtained from Lesquereux's Flora of that State. I hope Letterman will be able to settle the range of many species in that direction more satisfactorily.

Robinia on lower banks of the Ohio Introduced. North west Arkansas, Introduced? Indigenous. What it the northern limit in Illinois of Burnelia lanuginosa.?

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[Apr. 30, 1880]

Ulmus alata in Nebraska on strength
of one of the Local Flora.' How far
west in Missouri is Celtis Mississippiensis?
Have you the exact locality on Red River
for Carya myristicaeformis? Must
look up the White Oaks in New
Brunswick. The bark alone of
Q. Michauxii ought to eliminate it
if nothing more. Where in Alabama
is Q. laurifolia? How far northwest
for Q. macrocarpa; beyond Minnesota?
Does Q. Muhlenbergii ever grow in moist
low situations or only on dry uplands?
Must not Q. prinoides be joined to it?
If so not on limestone only.
Is not Castanea vulgaris in Missouri?

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[Apr. 30, 1880]

Roan Mountain is in North Carolina,
but why should not A. fraseri
reach the equally high peaks a little
further southwest which are in Tenn-
essee? We must go and see.

Picea alba, Black Hills of Dakotah?
Dont you know? I dont, or how to find
out. The western and north western range
of this species is perplexing as it might
have often been confounded with
P. Englemanni. Dall (Resources of
Alaska) speaks of A. alba as a common
and large tree in the valley of the
Yukon, as far north as Fort Yukon;
and his illustrations of the country
show the hills heavily timbered with

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[Apr. 30, 1880]

a Spruce like tree. What is it?
In what Region in Arkansas is Smilax
common? I cannot make it out!!
Will write at once about flowers of
Pseudolarix, hope to get them! Will
look for flowers of all coniferous trees
and the Manchoorian Walnut when spring
comes, if it ever does! Please give
me your opinion about the propriety
of considering the following trees;
Staphylea trifoliata, Ptelia trifolia
Rhus Copallina, Rhus Osmasta
Euonymus atropurpurea (in cultivation
certainly a small tree) The line between
trees and shrubs is difficult to draw
satisfactorily

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[7—037.]

Tenth Census
of the
United States.

[Apr. 30, 1880]

Curtiss has rediscovered Taxus Floridana
and sent plenty of wood Specimens
Have Rome? Mohr finds T. glauca
as far west as Pearl River and
not rare, or rather Extending over
a considerable area. He seems to have
missed it at Pascagoula.

Yours faithfully,

C. S. Sargent —

Special Agent 10th Census.

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Rec May 11
Ans — 12

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., May 8th 1880

My dear Dr Engelmann.

Sorry to hear, and to have
Asa's the last part of a day
to his account this summer
movements. If Jr will consent,
we agree to. To meet in
San Francisco during the first
week of July: go to Victoria
by Sea.; thence in four days to
Inside passage of British Columbia.
to see Can see woods by rail.
Then is a large part of the coast

of Vancouver Island. and

100 or 200 hundred miles more

or less of Frazer River.

Then by boat round to

Portland. and then took train

South to Eugene City. about

noon came to the first

house or tavern. from which to

obtain a the teamster took

Conifer. The South again

to Mt Shasta. & so back

to Cross to San Francisco.

In this way we shared some

Jenny lives on the same

country.; and the Jenny lives

just by Des. Moines Iowa on

the quickest and with less

fatigue. than in any other way.

I propose to have Lowe about

the 21st of June. by the rout to

Portola. to visit the Rocky

Mts: Yosemite. Yellowstone. or.

to m. If you want to stop in

Salt Lake. to join me on the

Grand Canon meet Denver meet you

Pikes Peak & visit Manitou & at San

Francisco. How does all this

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suit you. It would of course

be a great thing, for me at last,

if we could all go together. I

long & hesitate on my part

position to resist in getting

packets of travel &c. to some advantage

I propose to write to the

Superintendent of the Census

to say that you & Dr Perry

are going in this long journey,

that the value of my absent

books is greatly enhanced

by your cooperation and the results

of your observation both at the

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ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., [May 8] 188[0]

North and S. Southern California.

Engines &c. and that he

Stones thereon provide ~~found~~ you to

with transportation on all

Government Roads. He intends

to call again to-day. This will

relieve considerably the volume

of Jon Journey.

He is in San Francisco now,

I think, without doubt, obtaining

passes on all the roads

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other than those in which St. Louis

can furnish information.

Please let me hear at once

how all this strikes you and

whether you are willing to

accept this semi-official

connection with my investigation

which means nothing. but that

you should give me the

result of your examination

in favor or. that in any

case you decided to act

Yr.

Jno W Lindley.

Comment

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GEORGE ENGELMANN PAPERS

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Rec'd May 13
Ans — 13

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., May 10th, 1880

Dear Dr Engelmann.

Thank you notes. many thanks. Send help badly!

Seems dull no cone. only the axes to what a few scales were hanging. Of these you have one. The axis of the cone is 2½ inch long.

Have written him for more material.

The rest came in perfect order. Send it to the Record Office. & the hope that he is still in the land of the living and it has not stolen.

Can't you send us duplicate specimens of your Cotoneaster! Jan somewhat troubled about the specis of the Black Hills fit. Insist I must stop here on my way out. but it will take too much time. Do you know any one there?

Yours very truly, C S Sargent

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Rec May 18
Ans — 25

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., May 15 1886

Dear Dr Engelmann,

I have this moment received
your note. I will not start
transportation to day. I can
only promise it on what are
known as the Govmnt Rates.
that is the two Pacific R. Rs
excluding the Kansas Pacific.

But I have no doubt we can
obtain passes for the R. R.
officials who we get out to

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California and Juicii see
that on the three short Britis
Columbia.

If you want until you have
finished all you have to do
before starting, that of the
month in the you want will
to you. So make the plans.
we get ready too, so Queen
take yacht. for. the Queen
to Salt Lake City on
San Francisco express

prefer. I shall be anxiously

at home. I am until I hear

from Clinton.

Perry will be back in a

few days. when we will

arrange all details. In haste.

Yours truly,

C. F. Saynt.

That oak at my gate is

more interesting than ever.

I have made a good

little of Henry Sherman's

collection of the neighborhood.

No doubt but L. coccinea is a

good species!

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Rec May 22 2
Ans — 25

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., May 19th 1880.

My dear Dr Englemann.

Samuel Walker - glad to furnish
Jr and Penny with pass
books on all the Government
Roads. There is none on the way
to me here.

In order, however, to enable him
to legally do so it is necessary
that you should both be appointed
Special Agents of the Census
Department - Please

Julius Kurtz, Richard Schmidt, J. Bakus
Ans May 24 2 Appointments sent.

merely a form. and will not entitle
me you any duties for which
want to perform.

The commission too, will help
for. in attaining passes over
roads not included in your
pass-book. and will thereby
generally facilitate for journey.

I will phone "upon"
in person either at Salt Lake
City or San Francisco. at
may be hereafter directed, and
at a time somewhere about
July 1. Perhaps until me

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that there are no flowers in

the Jerusalem the year.

but I have written him to look

again. I have the seeds

of the Johnson Grass. and

Yellow Dock & Cocklebur. which

have got blossoms.

Write from P. Graham very

Common in the lower valley

of Red River. I am going

to send him this autumn

along the Texas Coast to see

what the pink bell there consist

of. and how far it extends.

Then for I fail to get any thing

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at all satisfactory about 7th.

I should like very much to have

again next week at the

Academy meeting; and then

we will decide more in detail

about our movements.

Yours faithfully,

C. S. Sargent

Mohr seems a little hurt I fear

but you did not say more about

his having sent P. Elliottii in

Alabama..!! He seems to have known it

there. In some years. Who is astonishing

us by his. during more than 20 years.

Intimacy that P. Taedas was P. sinensis..!!

Prof. Caughey in last new Catalogue of

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Rec May 31
Ans Jun 1

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., May 27, 1880

Dr George Engelmann
St Louis Mo.

Dear Sir

I forward to you by todays mail a registered package containing a book of transportation orders and enclose a letter concerning them to which I beg to call your attention, asking its return to me

Very truly yours,

C S Sargent.

Special Agent.

F. A Walker sends two books of Transportation orders numbered from 226 to 250 and 251 to 275 (25) for the official use of Engelmann & Parry. Travelling over subsidized Railroads. The proper ots will be entered upon the stub of each transportation order filled out and with any unused orders will be returned to this office (Census Office) when no longer required

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Rec'd June 4

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 1, 188 0

Dr George Engelmann
St Louis Mo.

Dear Sir

One department of the Census has within its scope a report on the grazing resources of the United States, and in connection with this investigation it is proposed to examine the properties, distribution and characteristics of all the known forage plants.

Special Agent Clarence Gordon, of Newburgh, New York, is in charge of this department, and you will shortly receive from him a letter of instructions, giving full details of the work he wishes done in this matter, and of the methods to be employed in its prosecution.

I shall consider it a favor if you will

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aid his investigations in any way in your
power. which will not interfere with the
work you are to do for this department
during your journeys this summer

Very truly yours

C. S. Sargent.

Special Agent

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GEORGE ENGELMANN PAPERS

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Ans June 7

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., June 4 1880

My dear Dr Engelmann,

I have yours of the 30th. I shall leave here on the 16th of June. & go via Chicago & Kansas City & Pueblo (Colorado) to Canon City. Alpine. Ludville. Georgetown. Denver. & so up to the Union Pacific at Cheyenne. The best arrangement I could make with Conway was that. as it was uncertain when I could get to Cheyenne

this letter

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that as soon as I could
tell exactly when I should
know at Salt Lake I
would telegraph you and
him. That the telegram
should be sent day
enough before hand. to enable
you to have time and meet
me at Salt Lake either a day
ahead of arrival.
I know you don't care about
Salt Lake. I am willing to
give it up; in which case
we had better meet in
San Francisco (Palace Hotel)

about July 1. Then if I am to stay
in the late or you are to stay
in the late. it will make no
difference & San Francisco is
a fine place to wait in.
By stopping at St Louis we
shall see Miss Carlin
Pfeiffer Fremont or no
shall make some pleasant
excursions. I leave the decision
of whether we stop there
or not entirely to you. and
shall be governed by what
you say. But if possible I

I should like to know at once what you decide.

There will be no difficulty about getting places in the Car at Ogden. If we stop over, in Iowa letters to the Mails.

I shall take a few white shirts to wear and Colors, Flannel only the oldest & least Clothes.

Have you an Overcoat to take? If not I will take me along. Let me know soon as possible, & mean to

GEORGE ENGELMANN PAPERS

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Rec June 9
Ans June 10

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth;
the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 7, 1880.

Dr George Engelmann.

St Louis.

Dear Dr Engelmann.

I wrote you two days ago, since have seen your letter of the 1st inst. Lest there may still be some uncertainty in your mind. I write again to say.

1st That you may decide whether we are to stop in Utah or not.

2d That if we meet in Salt Lake City. we are to meet there during the last week of July, on a day to be fixed by me by telegraph. from Colorado,

3d. That if we do not meet in Salt Lake City. then we shall meet at the Palace Hotel, San Francisco. about July 1st. but not.

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[7—037.]
Tenth Census
of the
United States.

Ans June 9th

[June 7, 1880]

2/

In any case, later than Monday the 12th.

I dont see now how I can be more explicit, as it is impossible to say just how long I shall be in Colorado. I have been in the 16th. and shall be in Chicago on the morning of the 18th, and Kansas City on the 20th. So I am leaving very little time for Colorado.

I shall take both very thin and very thick clothes: a good supply of dark ties, paper & thermometer, and an aneroid barometer. Unless you do. as one will be enough.

Shall make enough for the party, and will take as many letters of introduction as possible.

Please keep Penny posted, and by Denver use the telegraph freely in communicating

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[7—037.]

Tenth Census
of the
United States.

3

[June 7, 1880]

with me. as you can send dispatches at
government rates.

Shall I send you some stationary, or dont
you want it?

I mean I want you pick flowers
of Pinus Balsa. for Mr Hemsleys Garden.
Make send a lots of bark leaves. of what he
calls P. pentaphis. but all probably P.
Cembroides. Those I enclose are unmarked.
The two ~~from a lower bank~~ with my wedge
shaped leaves. are, he says from a lower bank.
They both are Coniferous. What do you say?
The single leaf might be Cercocarpus! But
who knows! The mature cones of all
these will be collected here. during our absence.

Faithfully. C. S Sargent -

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Rec'd June 14 1880
Ans — 15 to Chicago

[7—155.]

TENTH CENSUS
OF THE
UNITED STATES.

Tree Covering; Forest Wealth;
the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 11, 188 0.

Dear Dr Engelmann.

It is impossible for me now to fix the day on which I can be at Salt Lake. but it will, I hope, not be later than the 28th or 30th.

As you will probably want some time there when I shall. why don't you start on the 24th. day. go to Salt Lake. & wait there until I come. then it will be as soon as I can get there? Then if I should by any chance be delayed in Colorado for a day or two. you would be in comfort in the place. and would be able to make some short excursions

At Sacramento, there are 2 Salt Lake City two hotels. the one of brick kept by a gentile, the other a low wooden building kept by a mormon. Stay at the latter.

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[7—037.]

Tenth Census
of the
United States.

[June 11, 1880]

[illegible], and went for me at Salt Lake.

I recommend the latter.

When you study that genus come to [illegible] with me. I sent you. They are closely [illegible] but the two genera [illegible]! In one case the [illegible] is intermediate between [illegible] and [illegible]. [illegible]!

When I found [illegible] very common in Southern Alabama. [illegible].

In any way am sure I am getting a good deal of interesting information.

Yours faithfully,

C. S. Sargent.

I depend on you to keep [illegible].

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Rec June 16
a

[7—155.]

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OF THE
UNITED STATES.

Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 12th, 1880

Dear Dr Engelmann.

Since writing you yesterday I have yours of the 9th inst. saying that 1st you will leave St Louis on the 20th. 2d that you will leave Salt Lake on the 29th.

I like this very well. If I can get to Salt Lake before the 29th I will join you there: but I am obliged to go West in Colorado. (and it is hard to say just how much time will be taken up in such a journey) I will push directly for San Francisco, and get there (Palace Hotel) just as soon after the 1st of July as I can. I feel, however, that two or three days, longer or shorter: will make no difference to you there, as there is much to see in the neighborhood of the City, and you will,

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we don't require some rest after the long journey.

I calculate: You will start on the 26th; you will leave Salt Lake on the 29th, and you will arrive in San Francisco on the 1st of July.

I shall leave Kansas City on the 19th and will stop at Salt Lake. provided I can reach there before the 29th: finding it that I must push direct for San Francisco. This seems clear enough. Write to Palmer House on telegraph of morning. to arrive in the morning of the 18th. Then from me write later care of T. J. Brandigee Alpine. Chaffee Co. Colorado. Still address you simply Salt Lake. City. It is send to the general Post Office you address is received.

Mamie E. Jones. is there. I think that we be coming. You can find his address at the general P.O. I rather doubt if I get to Salt Lake in time. If not then look out for the steamer. or. You will hear. Goodnight -

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[7—037.]

Tenth Census
of the
United States.

[June 12, 1880]

what people say on the last times. and
then unless there have been some important
changes. I think we had better go.

We cant afford to give much time to Salt
Lake. as we must get to the end of the journey
(Victoria) with the least possible delay.. and
then work back as slowly as you like, or as
time will permit; & the reason I think the
plan of your starting on the 21st a good one.
as you will be sure to want more time among
the hills above Salt Lake. than if you
go to them. Write me at once to Palmer
House, Chicago. whether you will wait at
home. until you hear from me by telegram.
when I shall be at Salt Lake, or whether you
will start on the 24th (as you can suit of you

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Rec'd 16
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[7—155.]

TENTH CENSUS
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Tree Covering; Forest Wealth;
the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 13, 1886.

Dear Dr Englmann.

I have just learned from San Francisco that the mail steamer leave there for Victoria on the 10th, 20th & 30th of every month. We shall be too late for the steamer of the 30th June, but will take that of the 10th of July. This will enable us to prosecute our plans in San Francisco & make some examinations. Knowing this you may decide to delay leaving home for ten or three days. After which we could continue our journey east in Salt Lake City. If to telegraph to Chicago.

Shall you will at any rate on the American Union reach Salt Lake. I want to see you if I can. If you get to San Francisco on the 4th of July will have an week there before sailing.

Yours truly, C. S. Sargent.

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Rec'd June 18
ans same day to Kansas

[7—155.]

TENTH CENSUS
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Tree Covering; Forest Wealth; the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., June 15, 1880

Dear Dr Engelmann,

The hotel at Salt Lake City is again
to which I wrote you is The Townsend House.
This is where I stopped. The one "next" best
building is the Walker House. I will address you
simply Salt Lake City. I shall be in Saturday
at Kansas City; if necessary write me there
Care of George H. Pettibone. General Manager.
Fort Scott. R.R. as it is best to catch me
there care of Brandegee.

I have arranged to get letters from Velasco.
in case he gets to N.Y. in time to have them
sent to me. I am to visit San Francisco in the
10th of July.

I rather
~~I hope~~ hope that you will delay your starting
two or three days. so that we can visit Ameca.

Cannon together. As it stands now. unless I can get to Salt Lake before the 29th Inst. stop there, but go direct to San Francisco. As we cant land until the 1st. it looks some more for me to stop & still run time to Colorado and Utah.

Yours truly.

C. S. Sargent.

As it might make some difference to my Colorado plans. I should like to know at Kansas City. whether you will delay starting to run out to Lone. Salt Lake until the 2nd or 3rd of July. instead of the 29th. So telegraph. the latest date at which you will leave Salt Lake. & the date of your arrival there. provided you make any change of the plan as it now stands.

Cm.

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Rec'd San Bernardino
Nov 12
Ans'd S. Barbara Nov 14

P.M. - Dec 1880

ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., October 23d 1880.

Dear Doctor,

I got home Monday night
and this is Saturday and I have
not before found that "free moment"
I had to tell you of my safe
arrival at home. We came along
very quietly until reaching
Cheyenne. here we got into the
big storm. which stopped by us
until Ohio. causing a loss of all
connections. and prolonging the
journey by twelve hours.

At home I found all my
belongings all right and Jenny in the

most perfect health. and everything
going on as quietly as if I had
been here always. I thought to have
had more time in Augusta. Why
did you hurry me so? I have
hardly as yet looked at my
memorandum. so I can't write to
Mr. Curtiss but will to
you. Curtiss sent us Junga
from South Carolina Mountains, about
Table to call a new species — I have
not yet read his letter — but to
me. (no time yet for analyses) it
looks like a very large one
and broad leaved T. Canadensis:
Calling a purely local Junga.
founded on the native specimens

cannot be made into a specimen — But

you shall see it when you get back.

I hope to hear soon that you

have not been lost again. That

you have got the wood specimen

of D. Fuligeni: that you have

from the Mendocino. those

the correct three old sort of

things. If you see three don't

forget the wood specimen of

Castanopsis: & if you are in

San Diego. Visit P. Torreyana.

It seems funny since we

parted in that black hotel

in the Park. under the cabrales

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Summer journey is now so far
in the past that all the discomforts
& mistakes have vanished from
memory only leaving the pleas-
antest recollections of all that was pleasant.
and beautiful and "instructive."
Hope you got rested and always-
been in such a hurry that a
fortnight would have been!

"Love to 'Ironsides'" What
of the great G.G.L. has he
from you & Dr. Engelmann of late
yet?

In haste (if comes you will
say) but always faithfully

C. S. Sargent

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Rec'd Fr. 17 Nov
Ans 2 — Dy

[7—155.]

TENTH CENSUS
OF THE
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Tree Covering; Forest Wealth;
the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., November, 1880

Dear Dr Engelmann,

I have been away for a week this time to New York and Philadelphia and with my wife. Also after her long, hot summer of exposure needed a little change of air and scene.

Returning last night I found your two letters & the box of specimens. Also the copy of "Bryan Expedition". Many thanks for all. A Bravo! So after all you have gone to San Diego! Just Jess with you. Of course you must get P. Torreyana. (and. comm. to.) and find out all about those Southern oaks. Quercus i. 2-7. to see Torrey's specimens. but his herbarium was all done up in packages & put away into the attic. Of course it is the hope that some time a better building might be put up by some one

to contain it. Not very satisfactory!

As we found P. pendens & P. Jeffreyi both
south & south of the Yosemite within intermediate
forms. Mine must substantiate his statement
by the specimens before I shall be satisfied to
put them together again. I know his species
in Sequoia — his statement is agreed to the
extent of these forms does not agree with what
we saw Told on the spot by the men, who were
with us. and who seemed to know what they
spoke. Lemmon sends a list of A. Concolor from
Mt Graham. the Southern Station of the species as
known to me. He writes that he finds in the
mountains about Everything with ive forms
further South in the Santa Rosas. but I hope
Jr must leave S. F. without having seen
his specimens. in Spite doubtful about them.
And that Cupressus pr stagnina? What
is the result is to Dr Gray time and where

have any better eyes than all these years?
Good bird! It is a delicate matter entering
a new theme of Confession into Poesie
to mean. It must be "investigated". Some
poets' dramalogies are strong. and I am sorry
to propose to Watson to pass the winter there
west in California. This party is the
interest of the Newyork. Museum of Nat
History. for which Stone agreed to get us
a Collection of North American woods and
forest products. & New York bankers. furnishing
the money. are having me the entire Control.
I dont follow your & Francis remarks in
Regard to the Oregon Coke. but when you
get home. we will go into them in Earnest.
Simmons L. Coburn on the summit of
Mt Graham. in Sanpete. L. undulata.
but otherwise Known. I have one complete
frond this Yosemite. very common

to Miss Sargent as we pass — Sir Thos Lawrence's portrait by a lion to be + delivered a lecture on this subject. The Bark Cal is not + pay is in Spain.

I must write much as Steam you may not receive this before you leave for home.

Regards to Mrs. ably yours.

C S Sargent

What is Simmons "Forest" or Mt Graham. What is Muir's Alaska Juniper — Chamaecyparis ??

What are the large purple grapes sent here for California — where Tokay — ? Every one asks.

Watson is about working Trelease Trelease.

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GEORGE ENGELMANN PAPERS

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Rec by way of San Francisco Nov 30th

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., November 12 1880

Dear Doctor,

Thank you letter from San Diego. What a fine time ya
are having with ya Jansens.
& Hunters and that poor
Pine Apple you have such
a hard task to tell!
It's days are, I suppose, numbered.
I think ya are having such
a Hundred times. Nothing all
night in a black-board in
the fog etc. I am writing here

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fathers to death by all sorts

of purple things - People

who want me to do things

for them don't, as tell them

things I know nothing about.

to hunt newspapers or magazine

articles. or deliver lectures

about me books. They seem

to think we have at least

the comfort the north-west

passage. when the countess

we have written contain nothing

more than [illegible] Collyer's that

Mrs Archer - Will Irwin

at last glad that you

have "associated" with Mayers

for the year at least.

Shall just use a telegram

to Yates on his return

from the Blue Mts to Yolla.

Yolla. As he was to leave

at once for San Francisco

I take that you may meet.

There is nothing new

here. or any where else so far

as I know.

Yours always.

C. S. Sargent

(Nov)

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Schultz. Integrifolia from

Portland his return there.

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Rec (Geo. of S. Francisco) Dec 5
Ans Dec 8

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., Nov 16 1880

My dear Doctor.

Thank you just as I
was not of the 4 inst for Sun
day. - but not yet the
Specimens. Many thanks. -
How you or can you learn
any thing of either "Sideroxylon
Spinosiflorum
~~pinosiflorus~~ or Dalea enterocaulis
Pursh's both of these are really
fine trees, but who knows
who has seen them to a generation?
They should be hunted up

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again —

Should it turn out that

Prof Jones does not care to

remain away longer from

Cambridge, I shall, I believe

get enough to go out there

hunter to Western America. &

Virginia, and let him return

first to summon things Colifornia.

I wish to study the distribution

of Virginia plants, and

at the same time make

the collection for the New

York Museum — Yours I

hunt to make a good thing."

was it will be difficult

to get the right business

to make the selection.

Curtis Tree is to me

among the Californians who

can be trusted with such a

Jim Kellogg down (to us) they

despise me with nothing but

distrust.

You have also spoken to

me of, which I have not

that Stephens Jokes have

to run out to Sant Louis

the wants and habits matters
we with you. For me in the
Jesup-Ladd drawing-room of your
nothing will be able to move
Jr again this winter: especially
towards a land filled with
wilderness and impenetrable

Republicans — Equal
Share of patronage more
usual party.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Ever yours,

C. S. Sargent

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Rec'd Nov 27 1880

Now is it if you
can let Bird Cates
Comfort you.

November 24.

My dear Doctor,

I have your note of the 10th inst
and send a line to welcome
you back to your home.

I hope it will find you there
safe and well. Although you will
hardly be looking with that
discretion & patience still in
your mind.

Yes — bitterness and
Even for those things come

to us all. To day we have
been to Providence to the funeral
of one of our very best friends,
a noble office who dies
there suddenly of pneumonia.
A little more than a week
ago he was here in perfect
health, and now he is
buried! So goes the world.

There is a little confusion
letter from Hooker. When
I have studied it a little

more I will write.

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along. He sends a list of
the trees Cumberland. but
says he does not see in
Short Simpson's Northern.
at all. & wants to know
what he does see there!!!
He sends lists of what he
calls Tubular & magnetism.
but both from grey & my
Virginia plants. & neither
characteristic. Surely
he seems badly misled.
He wants Gray in
Short's Trees with them

from here direct.

That is the telegraphic (I have
say you have sent) for S. T.
that he can't go to Augusta.
must come East.

I shall probably come through
in that case he must
go in Saint Louis. to get
you instructions in regard
to the tests; that I shall be
well attest tonight.

Let me know when you get
home.

Ever yours,
C. S. Sargent

Thursday Morning?

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Rec Dec 6
Ans Dec 9

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., December 2nd 1880

Dear Dr Engelmann,

I am delighted to know that you are at home again, and well and hearty. I am sure the Garden has done you good, and that we have nothing but pleasant recollections to look back on.

I owe you $10.00 for the Negro publication, and U. S. Minerals $6.00. Please do the Author & St Louis work. I enclose my check for

$16.00 - The Enclosed receipt to please

sign and return Sometime or

other - We still have on

hand several photographs which

we would like to make room for

Portlands photographs. When

Mrs. Schultz was made

he payment -

You are among those to receive a good

Editorial about Mr. Smalley

into about the circulation of your

little paper. If you

would like you can to Postal

Cards to mention what you

want to publish the photograph with

we sent him the photograph of

a grass that the botanist

might be entitled to. Have you

ever met it. I. Smith states

you to say that you have?

I owe you to say a lot

of Carters' new Dimitant

from South Carolina that you

may confirm (if possible) my

ideas in regard to it. also

the fact that I am to be

I. stellata from the Black

Hills. Angles from it there

together with P. alba & P.

pensylvanica a long time 3-1

fort d'ennuis. How is Theo. and

what is it doing there?

Hoy busy with work again

busy soon.

I send some of my own

S. & photographs & Brooks

& an other & Anastasia & the

if the latter Theo takes can

see what I am now, if we meet

there etc.

Yours ever

C. S. J.

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Ans Dec 5
ans same day

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., Dec. 4/12 1880

Dr. Geo. Engelmann.

Dear Sir.

I forwarded to day
at Mr. Sargent's request the
specimens of his "Gate Oaks" which
I made for this purpose this
summer and fall. You
will find also a plan to
show the position of the trees
that may serve to recall
them to your mind-
We have a list here so that
any notes regarding them may

I remain

Very Rightly Yours

John Robinson

Secr. Aust.

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be made by using the
numbers -
Two days ago I also sent
you a small specimen of
a Juncus from Mr. Douglas &
~~an Abies~~ a Tsuga from Mr.
Curtis, we have but small
specimens at the herbarium
so they are not so good
as I know you would
desire. Trusting that the
specimens, and labels
which were also enclosed
in the larger package,
have arrived in safety

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Rec'd Dec 9th 1830
Ans'd by

Dear Sir:

Dear Doctor,

I have waited for to day
already Parker's letter
that I have answered. in
hast I could. I have asked
him to send us time after
time that he considers
is the medicate between P. pandora
& P. Jeffersii — I am more than
sure satisfied that we have
some such. I can't make out

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at all what he thinks he saw
on Mt Shasta. If it was
not the orbicles of Douglas.
Just Jones see my
boy Chas to get all upon
(for we Jim already tired
of the Ease of home life) then
hunter and see something
more of these Southern Oregon
Mts. and more Especially
the fourth Peter 35 parallel
the Sierra Nevada Mts to go
home by the way of Southern
Utah. & Salt Lake City. But a

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is out of the question & there
for more to do at home. than
I can possibly manage for a
long time to come. But I ought
to have seen more before I came
home the last time."

Steve Pringle will get off
the 7th February. will be stop
2 It seems to see you. but the
the temptation to go along with
him will be stronger than
I am able to resist.

We have had a great deal
of snow. and some very
cold weather. but today there

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Li'l Darrow Miss from the South.

I shan't say we shall have a

month of often weather yet.'

Her often silent of the

first moment. when we

reached the Cabin a Telon

Int.' Shall you Ever forget it?

It was glorious, was it not

the one Sublime moment of

the whole Summer.

Just fix mabel come & pass

the winter with me. Just

fix you all the room you can

possibly want to spread out' you

then you loved upholster me Cousin

that is still pure gem Bout spin

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Acc Dec 9
Ans — Dy

[7—155.]

TENTH CENSUS
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Tree Covering; Forest Wealth;
the Lumbering Industry.

CHAS. S. SARGENT,
Expert and Special Agt.

Hough

Department of the Interior,

CENSUS OFFICE,

Brookline, Mass., Dec. 6th, 1880

Dr. Geo. Engelmann,

St. Louis,

Missouri.

My Dear Dr. Engelmann,

The following list comprises all the small wood specimens received from you since we separated in San Francisco.

Ceanothus, Auburn.
Lupinus Chamissonis.
Ephedra Californica.
Isomeris arborea.
Hymenoclea
Baccris Emoryii
Dendromecan.

} San Diego.

You remember that with the exception of the Yuccas you still have all the Arizona seeds

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which we collected south of Tucson.

In due time my share will come along I suppose.

I mail you to day Hookéá garden specimens of Abies and your cones of A. grandis, which Collier brought when he joined us in the cars at Eugene City

Yours very truly,

C. S. Sargent.

Special Agent.

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Rec Dec 16

Ans Dec. "

ARNOLD ARBORETUM, HARVARD UNIVERSITY,

DIRECTOR'S OFFICE,

Brookline, Mass., December, 13th, 1880

My Dear Dr. Engelmann,

I have your note of the 8th. inst, and hasten, as usual, to take your advice. This time as to an arrangement.

I find that with the exception of two sets all the photographs of the Oregon Spruces have been distributed. So perhaps you can send to Dr. Masters.

Stomach all right now, but as you suggest Christmas is a dan-

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general time.

Yours very truly,

C. S. Sargent -

Dr. Engelmann,

St. Louis, Mo.

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Rec Dec 17 1/2 1880
Ans — 27

December 13th

Dear Doctor.

Sent you a line this morning,
and now yours of the 9th has
come in — Answer it myself
as my unhappy stenographer
has to climb at night occasionally.

Yes the specimen of Pinus
Torreyana came all right.
and is fine. The last Sent
only included four wood
specimens from San Diego —

When I deliver three lectures

Thanks Sent?
Sent Germania

Yours truly Asa Gray
Thanks at last began
Asa Gray

I will begin at St Louis, of
course, but you must not
get engage the hall.

Let it may be some time first
before you had better do
it. you must the articles
in mail for the Magazine.

I feel very well now. and
am gradually getting better
down to work - I think I shall
get a month. leave. and note
every day for a month of hours.

I must exercise always agree
with me better than any
other. and Exercise I must

here to my home all day
the devil with me.

Just as the telegram that he
wants to leave for home on
Friday next. but that he
is out of money.— to spend.

Have telegraphed him $200.
to Yankton he will be at home
on X mas day.

It takes all my share
cash to keep these wanderers
going. but Yankton it is all
right. always in the case
of Vinny. it will be a long time
before I see my money again.

The idea of combining at
the loss of so much upset me
Alas Lucy! You must
indeed be badly discouraged!
You were so taken up with
Cacti that I dont suppose
You have anything of Prunus
Serotina in the Kennett Coll
of San Bernardino! I want to
know more of it.

Gray is back in Paris, having
a grand hunt. & got thro'
with Spain earlier than he had
intended. Darlow goes this week
to Bermuda. to hunt algae.
Perhaps the enclosed may interest

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[7—037.]
Tenth Census
of the
United States.

Rec Dec 18
Ans — 27

Mongtd Co Ark
Cäth pmelus 91

Department of the Interior,

CENSUS OFFICE,

Washington, D. C., December 15th, *1880.*

Dr. George Engelmann,

#3003. Locust Street,

St. Louis, Mo.

My Dear Dr. Engelmann,

I sent you to day three specimens of Pines. Number 1. was collected by Curtiss near Chatthoochee. He calls it Pinus glabra but I cannot distinguish it from Pinus mitis which grows in the same locality and of which I also send a specimen No. 2.

No. 3. on the same package Curtiss calls *Pinus Taida*, but why is it not rather *Pinus Elliottii*?

Thus is Curtiss' note which accompanies it. I dare devote "five minutes" to this

How will our photographs look in the "Gardener's Chronicle" which came this morning and what a pity we did not have more photographs taken while we were about it!

You do not say how you like your labels. I suppose you found them in one of the packages.

Palmer says that he sent you "*Yucca macrocarpa*" two or three years ago!!

Yours very truly,

C. S. Sargent

Special Agent

Rec Dec 24
An — 27

[7—037.]
Tenth Census
of the
United States.

Department of the Interior,

CENSUS OFFICE,

Washington, D. C., December 21st., *1880.*

Dr. Geo. Engelmann,
St. Louis,
Missouri.

My Dear Dr. Engelmann,

I have your postal card. Is there not some mistake in the number of the photographs of Abies which you have?

I handed you, in San Francisco, probably six or certainly five sets. I will, however, send subalpina and grandis to Dr. Masters as you request. Will you write him on this subject?

I have such a small supply of good seeds of Yucca macrocarpa (yes, macrocarpa by all means) that I wish, if you have more than you can use, you would send me some for distribution among European correspondents.

Yours very truly,
C. S. Sargent

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